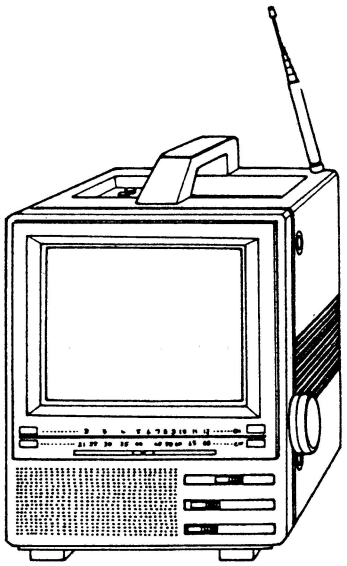
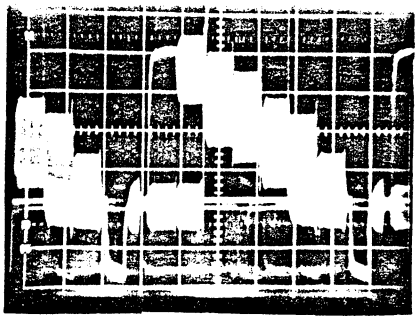
PORTABLE
COLOR-TV UHF/VHF
WITH AC ADAPTOR



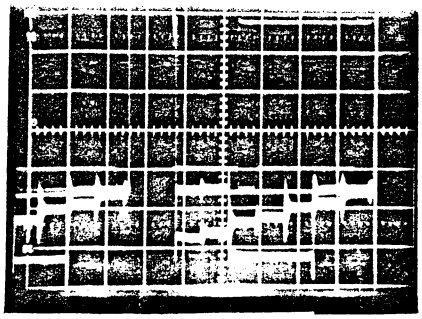
MODEL CTV-5

ORION

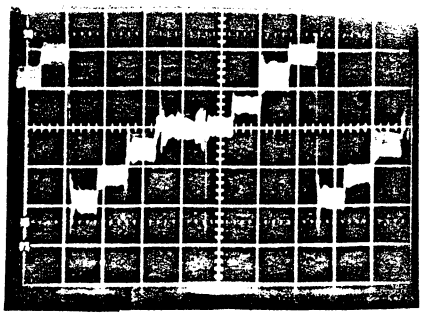
J97079'82
1201'82



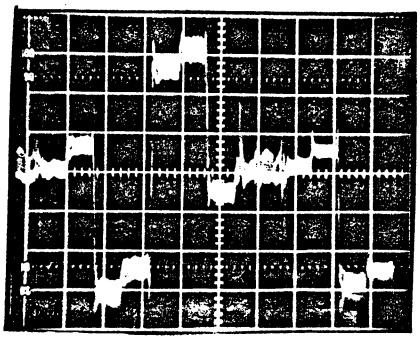
1 14V P-P (H)



2 3.6V P-P (H)



3 0.4V P-P (H)



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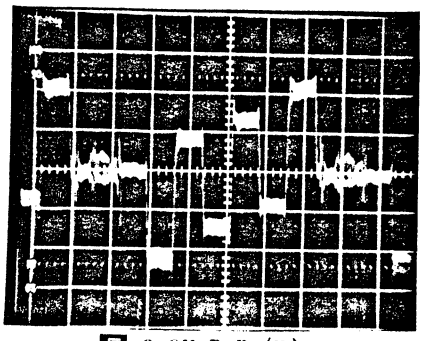
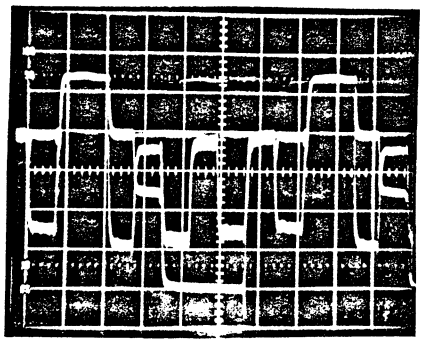
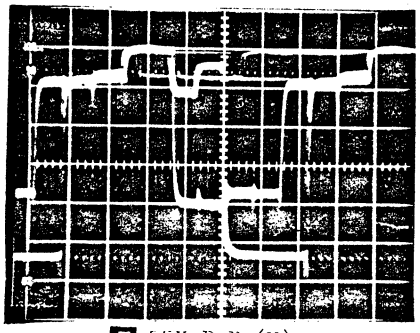


5 0.9V P-P (H)



6 55V P-P (H)



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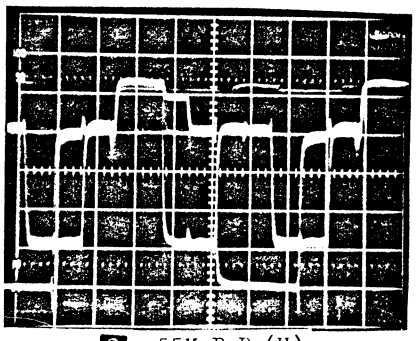

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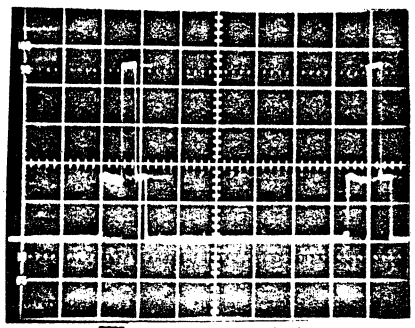
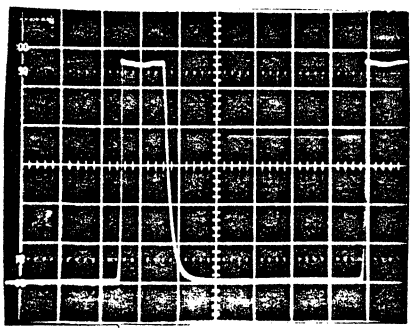
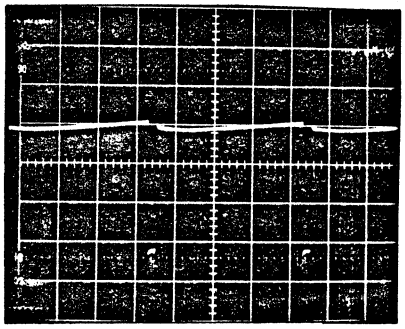


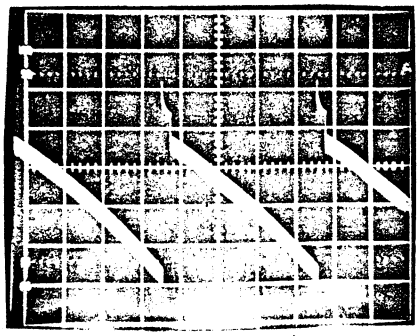
9 2.3V P-P (H)



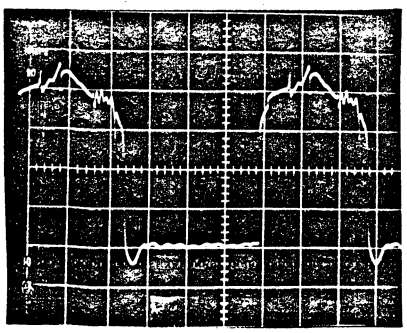
10 11V P-P (H)



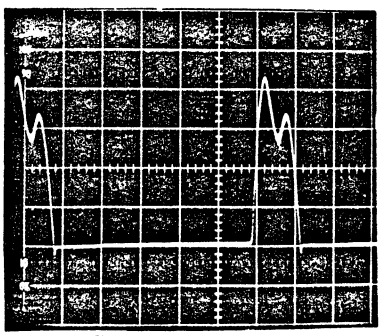
11 6.5V P-P (V)



12 10V P-P (V)

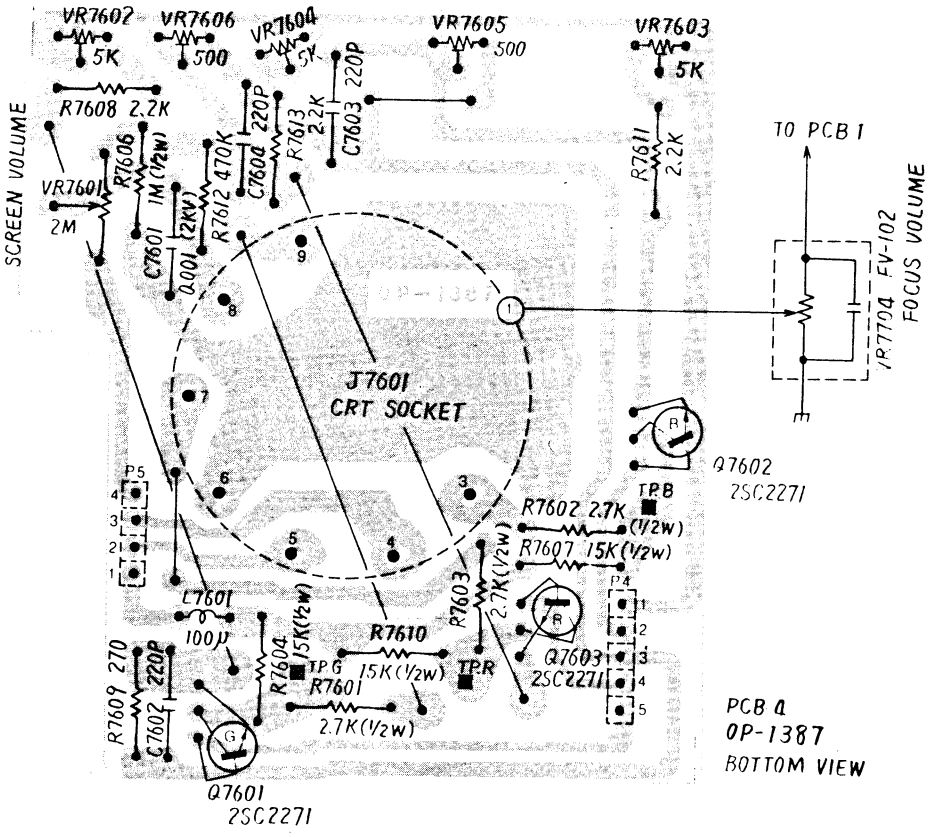


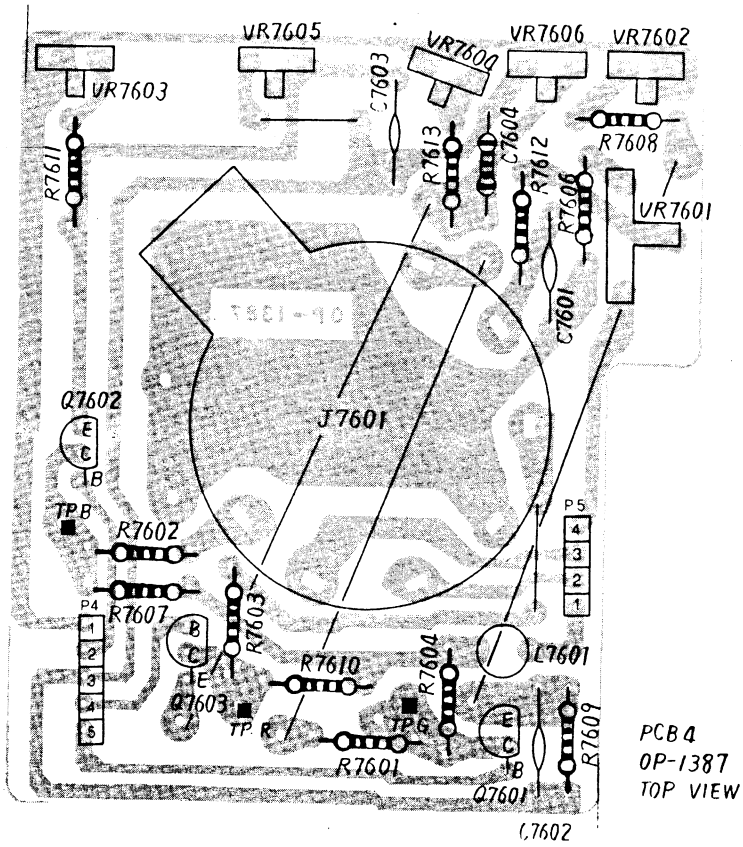
13 0.8V P-P (H)



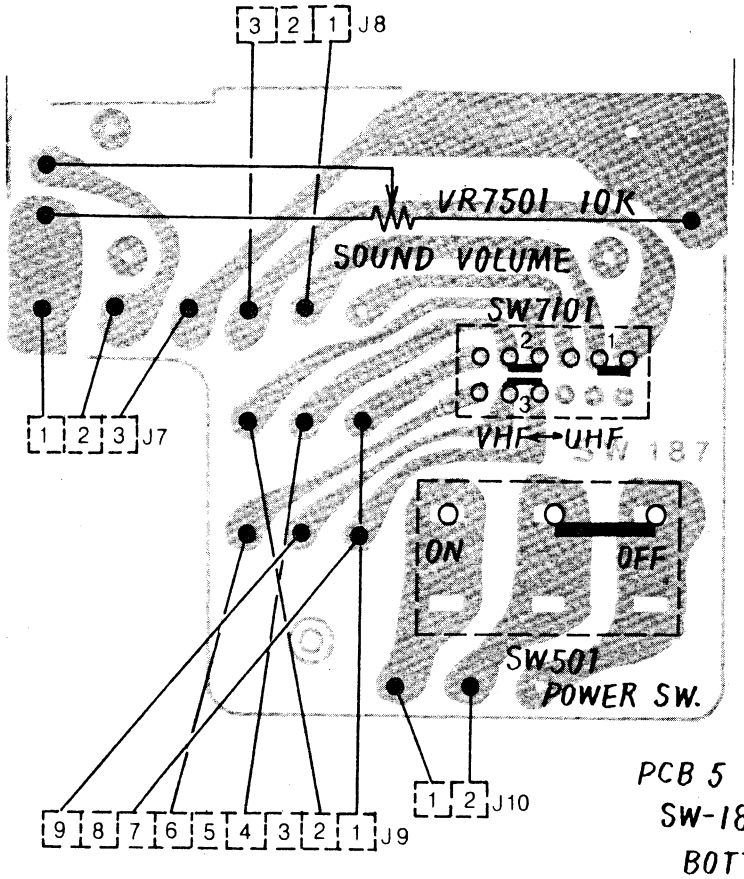
14 85V P-P (H)

CTV-5
3-1590

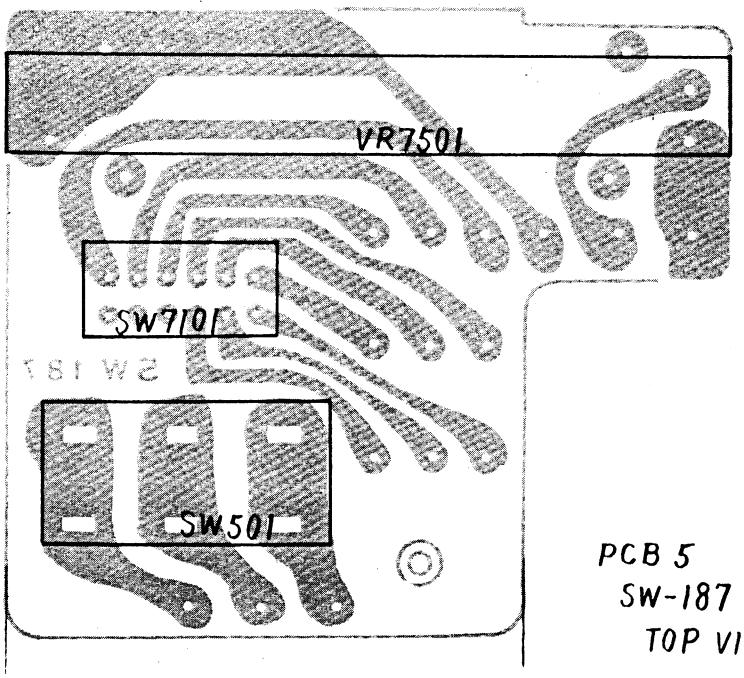

VR7602 5K
VR7606 500
VR7604 5K
VR7605 500
VR7603 5K
R7608 2.2K
R7611 2.2K
C7603 220P
R7613 2.2K
C7604 220P
R7612 470K
R7606 1M (1/2W)
VR7601 2M
C7601 .001 (2KV)
SCREEN VOLUME
TO PCB 1
VR7704 FV-102
FOCUS VOLUME
J7601 CRT SOCKET
Q7602 2SC2271
TPB
R7602 2.7K (1/2W)
R7607 15K (1/2W)
P5
P4
L7601 100µ
R7604 15K (1/2W)
R7610 15K (1/2W)
R7603 2.7K (1/2W)
TPG
TPR
R7601 2.7K (1/2W)
Q7603 2SC2271
R7609 270
C7602 220P
Q7601 2SC2271
PCB 4
OP-1387
BOTTOM VIEW


VR7605
VR7604
VR7606
VR7602
VR7603
C7603
R7611
R7613
C7604
R7612
R7608
R7606
VR7601
C7601
J7601
Q7602
TPB
R7602
P5
P4
R7607
R7603
R7610
L7601
Q7603
TPR
TPG
R7604
R7601
R7609
Q7601
C7602
PCB 4
OP-1387
TOP VIEW

CTV-5
3-1589

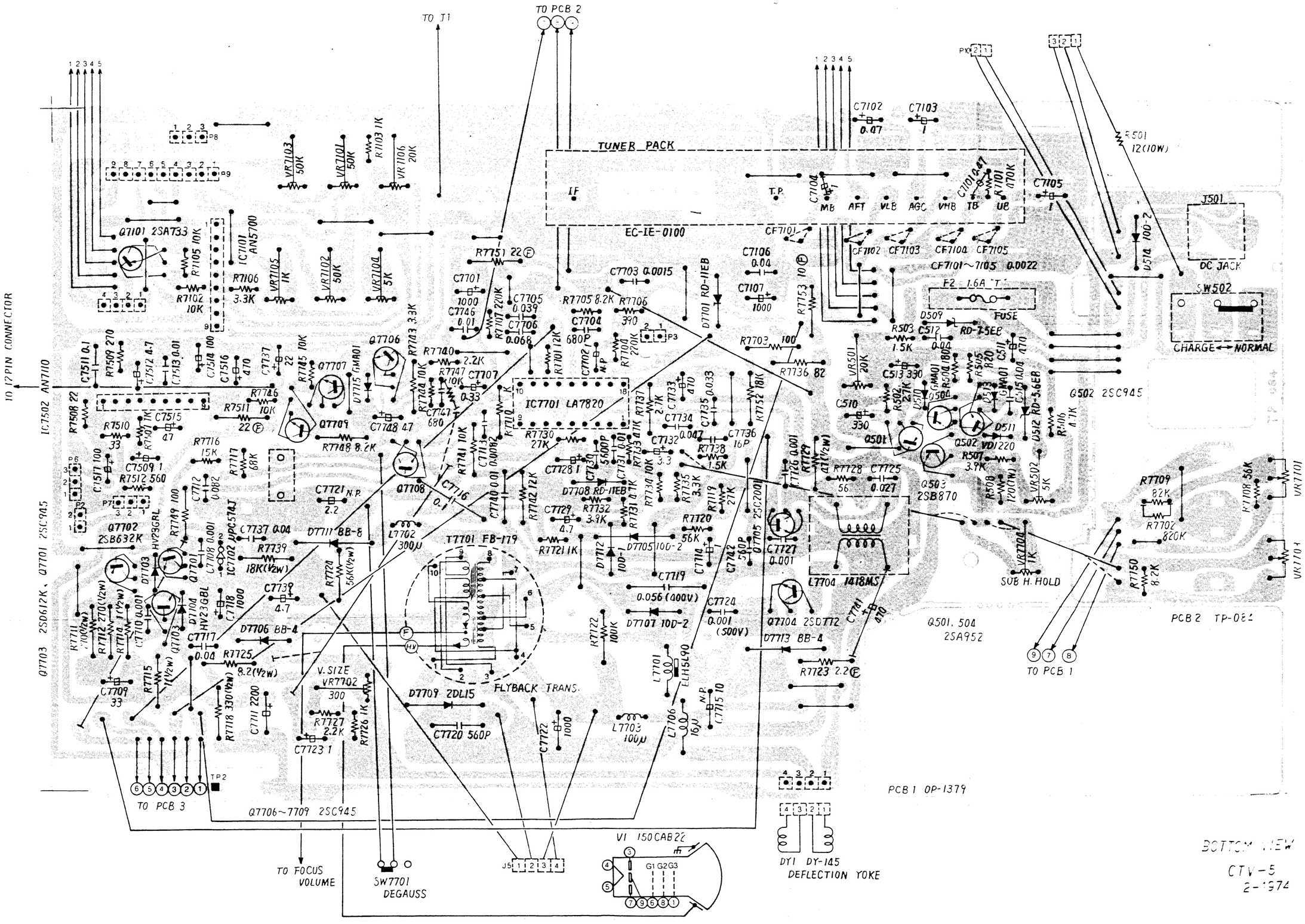


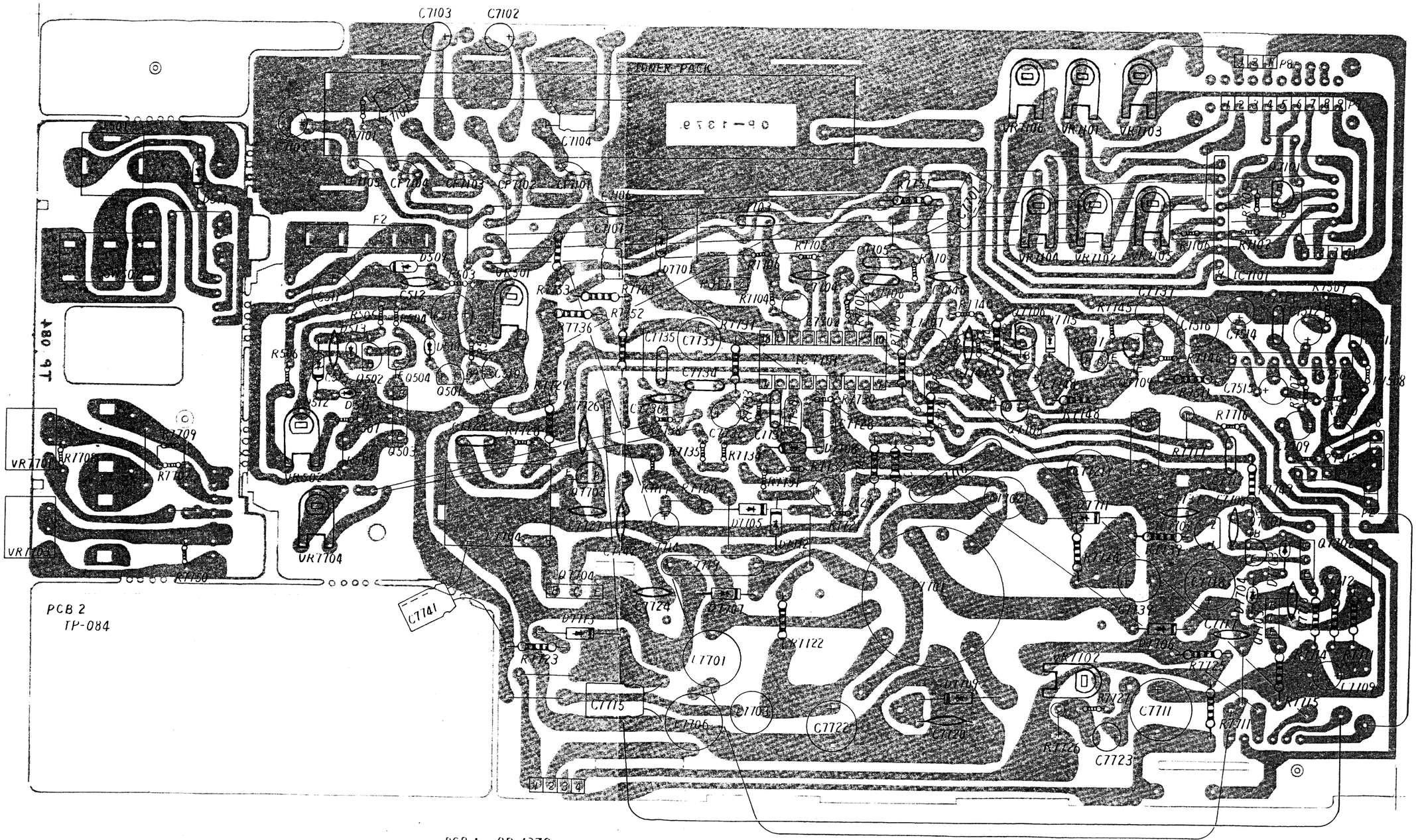
PCB 5
SW-187
BOTTOM VIEW



PCB 5
SW-187
TOP VIEW

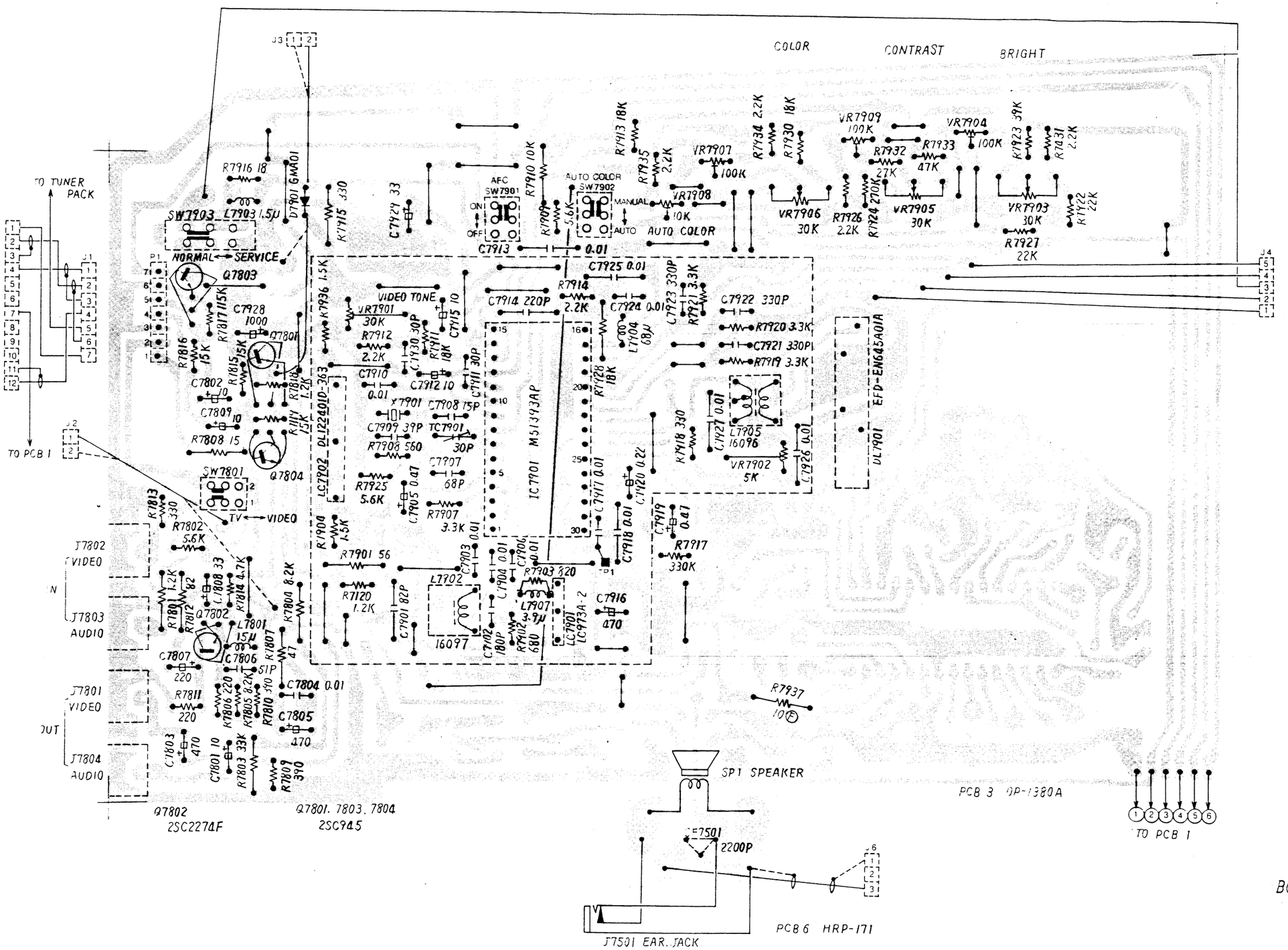
CTV-5
4-1787


TO PCB 2
TO J1
TUNER PACK
IF
T.P.
MB
AFT
VLB
AGC
VHB
TB
UB
EC-IE-0100
IC7701 LA7820
FLYBACK TRANS.
T7701 FB-179
V.SIZE
VR7702
300
SUB H. HOLD
FUSE
F2 1.6A T
DC JACK
SW502
CHARGE ↔ NORMAL
J501
R501 12(10W)
Q501, 504 2SA952
Q502 2SC945
Q503 2SB870
Q7701 2SA733
Q7702 2SB632K
Q7703 2SD612K, Q7701 2SC945
Q7704 2SD712
Q7706~7709 2SC945
L7704 1418MS
D7701 RD-11EB
D7705 10D-2
D7706 BB-4
D7707 10D-2
D7708 RD-11EB
D7709 2DL15
D7711 BB-8
D7712 10D-1
D7713 BB-4
PCB 1 OP-1379
PCB 2 TP-081
TO PCB 1
TO PCB 3
TO 12PIN CONNECTOR
IC7502 ANT110
TO FOCUS VOLUME
SW7701 DEGAUSS
VI 150CAB22
DY1 DY-145
DEFLECTION YOKE
BOTTOM VIEW
CTV-5
2-1974

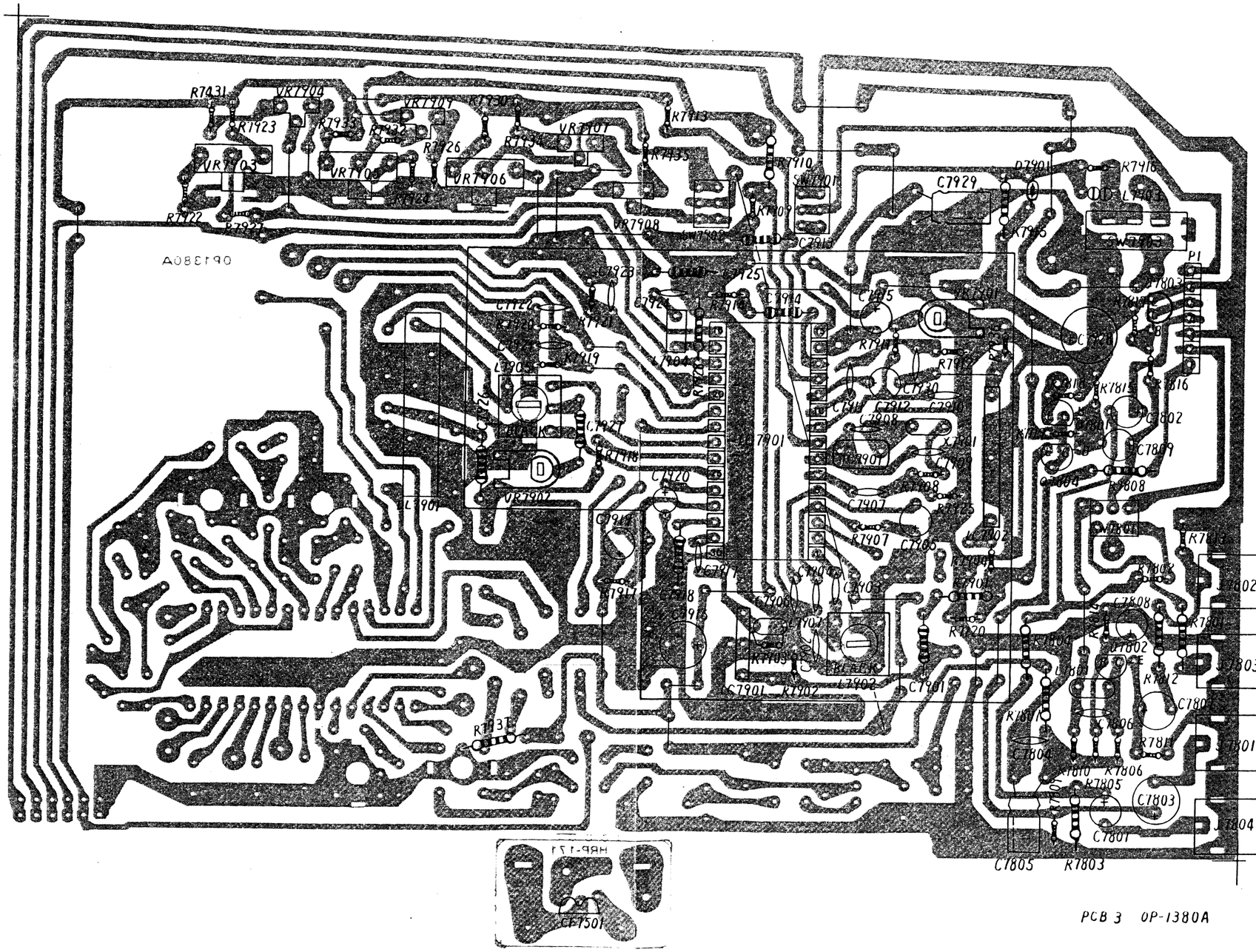


PCB 1 OP-1379

TOP VIEW
CTV-5
2-1981



BOTTOM VIEW
CTV-5
2-1975


R7431
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VR7905
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VR7901
R7435
R7910
VR7903
VR7902
VR7906
R7922
C7927
VR7908
C7928
C7925
C7924
C7994
C7995
C7911
R7911
R7919
C7905
C7920
C7907
C7906
VR7902
C7901
R7908
R7907
R7902
R7903
R7913
C7929
D7901
R7916
C7903
C7902
C7909
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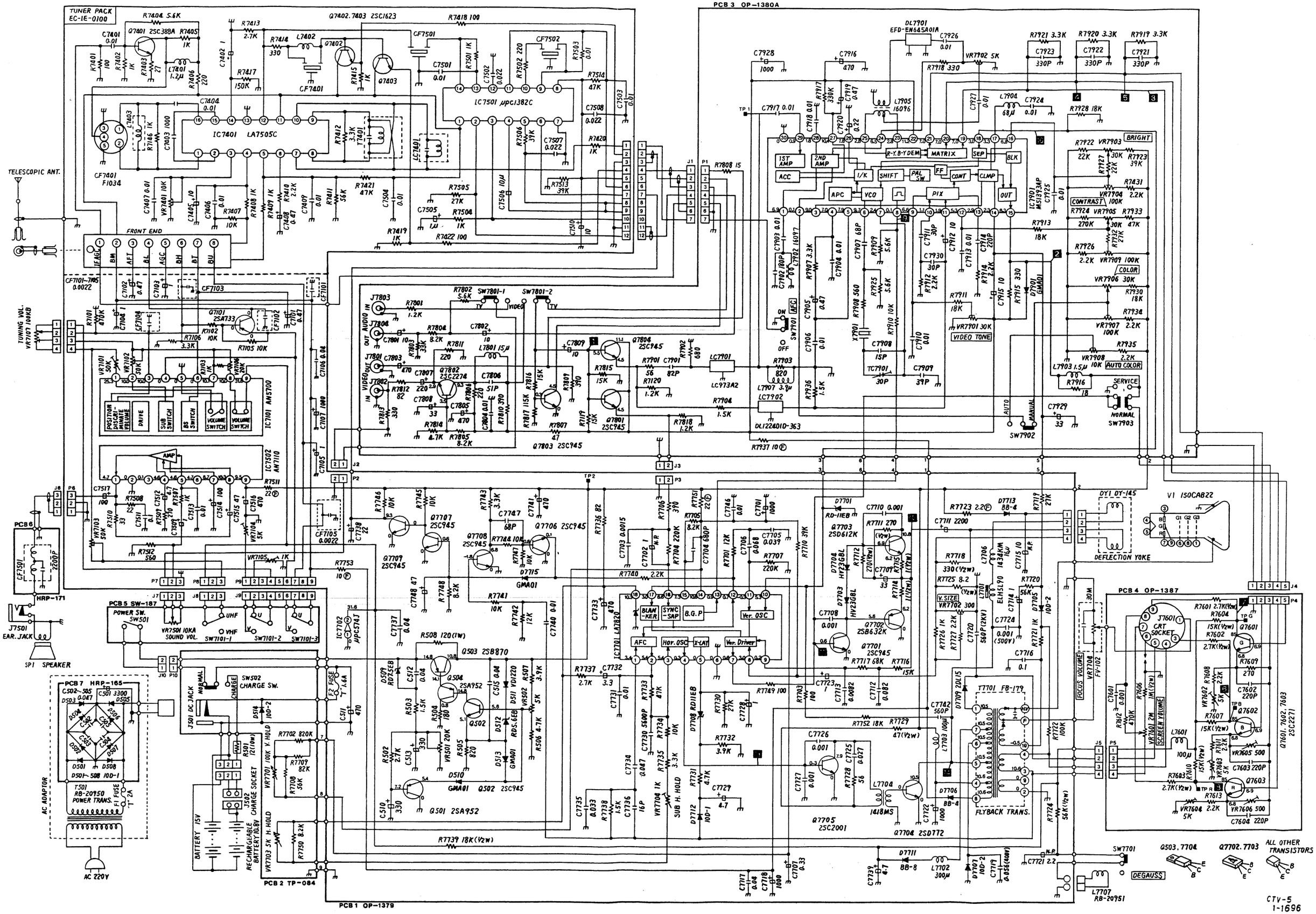
C7849


TUNER PACK
EC-1E-0100
PCB 3 OP-1380A
TELESCOPIC ANT.
FRONT END
IC7401 LA7505C
LC7501 μpc1382C
IC7101 AN5700
IC7502 AN7110
IC7701 LA7820
DL7901 EFD-EN64SA01A
R-Y.B-Y DEM
MATRIX
SEP
BLK
1ST AMP
2ND AMP
ACC
I/K
SHIFT
PAL SW
FF
CONT
CLMP
APC
VCO
PIX
OUT
BRIGHT
CONTRAST
COLOR
VIDEO TONE
AUTO COLOR
SERVICE
NORMAL
SW7903
SW7902
AUTO
MANUAL
SW7901
DEG
ON
OFF
TUNING VOL. VR7107 100KB
POSITION
DRIVE
SUB SWITCH
BS SWITCH
VOLUME SWITCH
PCB 5 SW-187
POWER SW. SW501
UHF
VHF
SOUND VOL. VR7501 10KA
SW7101-1
SW7101-2
SW7101-3
PCB 6
HRP-171
J7501 EAR. JACK
SP1 SPEAKER
PCB 7 HRP-165
AC ADAPTOR
T501 RB-20950 POWER TRANS.
AC 220V
J501 DC JACK
SW502 CHARGE SW.
J502 CHARGE SOCKET
BATTERY 15V
RECHARGEABLE BATTERY 10.8V
PCB 2 TP-084
PCB 1 OP-1379
PCB 4 OP-1387
J7601 CRT SOCKET
Q7601
Q7602
Q7603
DEFLECTION YOKE
V1 150CAB22
DY1 DY-145
FOCUS VOLUME
SCREEN VOLUME
V. SIZE
FLYBACK TRANS.
T7101 FB-179
DEGAUSS
L7707 RB-20951
Q503, 7704
Q7702, 7703
ALL OTHER TRANSISTORS
CTV-5
1-1696
13
14